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- (54) Title: IN VITRO MAINTENANCE OF HEMATOPOIETIC STEM CELLS
- (57) Abstract

The present invention is directed to human mesenchymal stem cells isolated from a tissue specimen, such as marrow cells, and to the method of co-culturing isolated mesenchymal stem cells and/or mesenchymal stem cell-derived adipocytes with hematopoietic progenitor cells such that the hematopoietic stem cells retain their phenotype.

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